

WHAT IS CLAIMED IS:

1. A light emitting device comprising:
 - at least one pixel comprising a light emitting element and a transistor for controlling a supply of electric current to the light emitting element; and
 - at least one power source line for supplying the electric current to the pixel,
 - wherein switching of the transistor is controlled by a video signal, and
 - wherein a power source potential corresponding to a color of the light emitting element is used as one of two electric potentials of the video signal and an electric potential of the power source line.
2. A light emitting device comprising:
 - at least one pixel comprising a light emitting element and a transistor for controlling a supply of electric current to the light emitting element;
 - at least one power source line for supplying the electric current to the pixel; and
 - a source line driving circuit that supplies to the pixel a video signal for controlling switching of the transistor,
 - wherein one of two electric potentials of the video signal is determined in accordance with a power source potential corresponding to a color of the light emitting element that is given to the source line driving circuit, and
 - wherein the power source potential is given to the power source line.
3. A light emitting device comprising:
 - at least one pixel comprising a light emitting element and a p-channel transistor for controlling a supply of electric current to the light emitting element; and
 - at least one power source line for supplying the electric current to the pixel,
 - wherein switching of the p-channel transistor is controlled by a video

signal, and

wherein a power source potential corresponding to a color of the light emitting element is used as a higher electric potential of two electric potentials of the video signal and an electric potential of the power source line.

4. A light emitting device comprising:

at least one pixel comprising a light emitting element and a p-channel transistor for controlling a supply of electric current to the light emitting element;

at least one power source line for supplying the electric current to the pixel; and

a source line driving circuit that supplies to the pixel a video signal for controlling switching of the p-channel transistor,

wherein a higher potential of two electric potentials of the video signal is determined in accordance with a power source potential corresponding to a color of the light emitting element that is given to the source line driving circuit, and

wherein the power source potential is given to the power source line.

5. A light emitting device comprising:

at least one pixel comprising a light emitting element and an n-channel transistor for controlling a supply of electric current to the light emitting element; and

at least one power source line for supplying the electric current to the pixel,

wherein switching of the n-channel transistor is controlled by a video signal, and

wherein a power source potential corresponding to a color of the light emitting element is used as a lower electric potential of two electric potentials of the video signal and an electric potential of the power source line.

6. A light emitting device comprising:

at least one pixel comprising a light emitting element and an n-channel transistor for controlling a supply of electric current to the light emitting element;

at least one power source line for supplying the electric current to the pixel; and

a source line driving circuit that supplies to the pixel a video signal for controlling switching of the n-channel transistor,

wherein a lower potential of two electric potentials of the video signal is determined in accordance with a power source potential corresponding to a color of the light emitting element that is given to the source line driving circuit, and

wherein the power source potential is given to the power source line.

7. A light emitting device comprising:

a source line driving circuit; and

a pixel portion comprising a source line and a power source line;

wherein a last stage of the source line driving circuit is electrically connected to the source line, and

wherein a power source is electrically connected to both the last stage and the power source line.

8. A light emitting device comprising:

a source line driving circuit;

a first pixel comprising a first source line and a first power source line; and

a second pixel comprising a second source line and a second power source line,

wherein a last stage of the source line driving circuit is electrically connected to the first source line and the second source line,

wherein a first power source is electrically connected to both the last stage and the first power source line, and

wherein a second power source is electrically connected to both the last stage and the second power source line.

9. A light emitting device according to claim 8, wherein an electric potential of the first power source is different from that of the second power source.

10. A light emitting device comprising:
a source line driving circuit; and
a pixel portion comprising a source line and a power source line;
wherein the source line is electrically connected to the source line driving circuit, and
wherein a power source for fixing an electric potential out put to the source line is electrically connected to both the source line driving circuit and the power source line.

11. A light emitting device comprising:
a source line driving circuit;
a first pixel comprising a first source line and a first power source line; and
a second pixel comprising a second source line and a second power source line,
wherein the first source line and the second source line are electrically connected to the source line driving circuit,
wherein a first power source for fixing an electric potential out put to the first source line is electrically connected to both the source line driving circuit and the first power source line, and
wherein a second power source for fixing an electric potential out put to the second source line is electrically connected to both the source line driving circuit and the second power source line.

12. A light emitting device according to claim 11, wherein an electric potential of the first power source is different from that of the second power source.

13. A light emitting device comprising:
a level shifter; and
a pixel portion comprising a source line and a power source line;
wherein the source line is electrically connected to the level shifter,
and
wherein a power source for the level shifter is also used as that for the power source line.

14. A light emitting device comprising:
a level shifter;
a first pixel comprising a first source line and a first power source line; and
a second pixel comprising a second source line and a second power source line,
wherein the first source line and the second source line are electrically connected to the level shifter,
wherein a first power source for the level shifter is also used as that for the first power source line, and
wherein a second power source for the level shifter is also used as that for the second power source line.

15. A light emitting device according to claim 14, wherein an electric potential of the first power source is different from that of the second power source.

16. A light emitting device comprising:
an amplifier; and
a pixel portion comprising a source line and a power source line;

wherein the source line is electrically connected to the amplifier, and
wherein a power source for the amplifier is also used as that for the
power source line.

17. A light emitting device comprising:
an amplifier;
a first pixel comprising a first source line and a first power source
line; and
a second pixel comprising a second source line and a second power
source line,
wherein the first source line and the second source line are electrically
connected to the amplifier,
wherein a first power source for the amplifier is also used as that for
the first power source line, and
wherein a second power source for the amplifier is also used as that
for the second power source line.

18. A light emitting device according to claim 17, wherein an electric
potential of the first power source is different from that of the second power source.